

Mehmood Ali

✉ mehmoodshaikh011@gmail.com

🌐 [linkedin.com/in/mayhemood](https://www.linkedin.com/in/mayhemood) | 🐙 github.com/mayhemood | 🌐 mayhemood.github.io/personal-site

EDUCATION

HAW Hamburg

Masters of Science in Micro Electronic Systems

Hamburg, Germany

Oct. 2025 – Jul. 2027

HAW Hamburg

Bachelor of Science in Information Engineering

Hamburg, Germany

Oct. 2021 – Feb. 2026

EXPERIENCE

Intern Full-Stack Developer

Nov. 2023 – April. 2024

Filter Tutor

Karachi, Pakistan

- Planned and delivered full-stack applications (React.js, Node.js/Express, PostgreSQL) while coordinating tasks to meet project milestones.
- Collaborated with teams to define requirements, manage sprints, and ensure timely, scalable feature delivery.
- Deployed on Heroku/AWS and maintained Git workflows and documentation to support security, quality, and team collaboration.

Tech Stack: Node.js, JavaScript, React, Git, HTML, CSS, PostgreSQL — Agile (Scrum), Jira

Tutor of Lernprojekt (LSL2)

Oct. 2023 – Oct. 2023

HAW Hamburg

Hamburg, Germany

- Led and managed a project for 100+ participants, overseeing task distribution, progress monitoring, and milestone tracking.
- Facilitated team collaboration by setting goals, resolving conflicts, and ensuring smooth communication.

PROJECTS

Neural Networks and Data Sciences | *Python, Tensor Flow, Jupyter, Pandas*

Oct. 2024 – Feb. 2025

- Elective University Module:** Using Python, Jupyter, and Pandas to analyze Large Language Models (LLMs), with plans to build a custom LLM using TensorFlow.

Sustainable Fishing Game | *Godot Gaming Engine, Git, Godot Script*

Oct. 2024 – Feb. 2025

- Elective University Project:** The game aims to deliver the message of sustainability with regards to over-fishing and plastic pollution that ruins our beautiful oceans.

OCR Android Application | *Node.js, React, SQLite, Android Studio*

Aug. 2024 – Oct. 2024

- Elective University Project:** The application uses the phone's camera to Scan a document and utilizes the OCR capabilities to read and store the data about Dual-Studium students.

ReactJS and JavaScript Apps | *Node.js, React, Git, HTML, CSS, Express*

- Keeper App:** Note-taking app with ReactJS. [Live Preview](#) & [GitHub Repo](#)
- To-Do List App:** Task manager built with ReactJS. [Live Preview](#) & [GitHub Repo](#)
- Simon Game:** Pattern-matching game with JavaScript. [Live Preview](#) & [GitHub Repo](#)
- Drum Kit Game:** Plays sounds on keypress/button click using JavaScript. [Live Preview](#) & [GitHub Repo](#)
- Dice Game:** Random dice roll game for 2 players. [Live Preview](#) & [GitHub Repo](#)

TECHNICAL SKILLS

Languages: JavaScript (ES6), Python, Java, C, HTML5, CSS3, EJS, Godot Script Language

Frameworks/Libraries: React.js, Node.js, Express.js, REST APIs, FreeRTOS, Matlab/Simulink

Databases: MySQL, PostgreSQL

Project Management & Tools: Agile (Scrum), Jira, Documentation Tools

Other Tools: Git, Bash/Shell Command Line, Spyder/Jupyter, Linux (Terminal Commands, AWS Cloud, Heroku)

CERTIFICATIONS

The Complete 2024 Web Development Bootcamp - Udemy: HTML5, CSS3, Javascript, Node, React, PostgreSQL, Web3 and DApps

Spoken Languages: German (B1), English (C1/C2)